

From owner-qrp-1@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: Ken Freedman <n1qqvken@iconn.net>
Subject: [3964] "To The Field"
Message-ID: <3235EF09.7B1A@iconn.net>

Hello All,

Butch (WY1W), Jack (N1QHU) and I (N1QQV) will operate from Jack's sailboat somewhere off the Connecticut/Rhode Island coast for the QRP to the Field event, weather permitting. This plan sorta' sprang into being during an early AM drive time chat session on 2 meters some weeks ago.

Again, WX permitting, we intend to tow a long wire antenna with Butch's French military kite attached to it while under way, and we have a couple of other schemes for antennas to use while at anchor. With a little luck, (and a fair wind) we'll be able to find a lighthouse to hang out around for the duration. Rigs will probably be Butch's Scout and my QRP+.

All three of us are looking forward to the event and hope to work a bunch of QRP-L folks during the weekend.

73, Ken

From owner-qrp-1@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: n7mfb@juno.com (Bill Todd)
Subject: [3935] 30 mtrs & NW QRP Net-WOW!
Message-ID: <19960910.090117.5335.0.n7mfb@juno.com>

Hello gang -

It doesn't get much better than this...

Last nights NorthWest QRP Net on 30 meters lived up to the promise that 30 meters is capable of producing. We had check ins from all over the country, and it looked as if everyone could hear each other (try THAT on 40 meters).

We had Jim - W1FMR from NH check in with only 1 watt! I could barely hear him here on the West Coast, though he was in there. Frank, KD2IX from New York had a really nice signal at 5 watts with an

antenna only 7 feet off the ground!

Gene, AL7GQ in Colorado was there too (though he faded out before his turn), as well as Wally, AA5EA and Rick, KF5WY in El Paso, TX too. Rounding out the group was Jim, K5ON in New Mexico with a solid 569.

- - - - -

Folks, check it out next Monday evening at 0200 UTC on 10123 KHz. We didn't hear anyone from the Midwest this time, how about next week? Remember that the net moves to 0300 UTC when we all return to standard time.

CUL, Bill - N7MFB
NW QRP Pres.

From owner-qrp-1@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: Roy Boggs <rboggs@pcc-uky.campus.mci.net>
Subject: [3981] 40-9er gives me 422 miles w/70mw (whew!)
Message-ID: <2.2.32.19960911034424.006a4964@pcc-uky.campus.mci.net>

Well after relegating this thing (the 40-9'er) to junk status, I finally managed my one and only contact this evening with KD3AO, Carter, near Philadelphia. I don't think he knew what a 40-9'er was. I never have figured out how some of u get 1/4 to 1 watt out of a 9v battery. I stuck in a new Duracell and for a few minutes got about 80 mw tops on my WM-1. Settled to 70mw.

Also used a tiny sidetone circuit that can be carried anywhere with a dolly - a Knwd TS-850 with no antenna attached. It was exhilarating though. He was using 5 watts and had more patience than Job. And generous.....RST 559. Just what u needed - another 40-9er post.

de KE4KDT ARCI NORCAL QRP-L KL ARRL
Roy Boggs KY Looking forward to EMPS....that Chuck is something!

From owner-qrp-1@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: SNickrand@aol.com
Subject: [3947] 49er Loudness question
Message-ID: <960910134914_475661948@emout12.mail.aol.com>

Perhaps the third time will be the charm (for some reason this message isn't posting--is AOL having problems again?)

OK--I started out with the toroid for RFC1, no sound. Went back with the original 2.2 uH choke and fixed a bad solder joint elsewhere, low audio.

Tried the LM380 feedback mod, low audio. Found out, by accident, that when I touch the foil common to C1, C20, C2, RFC1, C7 with a metal screwdriver, which my finger touches the metal of-- I HAVE LOUDNESS. Sorry about shouting. Obviously I have changed the capacitance of the circuit by doing this. Any ideas on how to get it loud without having to touch it?

From owner-qrp-1@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: BOB KELLOGG <ae4ic@nr.infi.net>
Subject: [3948] 666 -- Oh, no!!
Message-ID: <199609101759.NAA03297@mh004.infi.net>

Gang - please protect me from evil.

I just realized - my QRP-L number is 54. That's 9 times 6. -- 666 666 666.
>From now on I'm carrying a cross and a mirror. What else should I do???
Not only that, but, it's also 6 times 9. -- 999 999, which is 666 upside down twice. I'm clearly doomed. If you don't hear from me again, rejoice.
-- I'll be doing QRP stuff.

CUL,

From owner-qrp-1@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: KI6SN@aol.com
Subject: [3912] Adventure Radio Society
Message-ID: <960910010232_305029591@emout08.mail.aol.com>

Instant Replay: The "TFR Challenge:"

Comments here recently about the Adventure Radio Society's "TFR Challenge" have raised questions from many QRPers who missed our initial posting Aug. 1.

In brief, ARS is sponsoring a design challenge in search of the ultimate "trail friendly radio," or TFR. It focuses on the need for radio packaging that meets the requirements for portability, ruggedness, practicality and ease of operation that trail conditions demand. Deadline for submissions is Nov. 1, 1996.

The challenge is open to all QRPers, with certificates being awarded for the most innovative designs. Members of the Adventure Radio Society who take the challenge will additionally be eligible for several prizes to be given away by random drawing:

+ An Oak Hills Research "Explorer II" 40-meter QRP transceiver kit

- + A QRP Club of New England "NE 30-40" 30-meter transceiver kit
- + A Wilderness Radio "KC-1" displayless frequency counter and memory keyer kit
- + Two Radio Shack "Audio Amp" module kits

If you missed the initial posting, a copy -- detailing "TFR Challenge" criteria and goals -- can be obtained by sending an e-mail request to: KI6SN@aol.com

To become a member of the Adventure Radio Society, which is free, send the following information via e-mail to: KI6SN@aol.com

- + Your full name
- + Callsign
- + Postal mailing address
- + E-mail address

If you have further questions, please don't hesitate to contact me.

Vy 72,

Richard Fisher, KI6SN
ARS No. 3
(KI6SN@aol.com)

From owner-qrp-l@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: Joe Everhart <n2cx@voicenet.com>
Subject: [3978] Antennas Make You Humble - Long
Message-ID: <199609110316.XAA17430@mail.voicenet.com>

Gang,

The title says it all. I recently wrote an article which is being submitted to The QRP Quarterly. The subject was building and adjusting portable dipole antennas. Being conscientious by nature, I checked out my procedure with a real antenna. Predictably, I had problems not related to the original goal. The difficulties I had are described in a sidebar submitted along with the article. I'm not going to reproduce the whole article here to help perpetuate the sanctity of the printed word (and my favorite QRP newsletter). But here is the sidebar as a teaser!

Antennas Make You Humble

N2CX 9-10-96

The article tells how the tuning process goes when everything goes right. As we all know, Murphy often sneaks in and messes things up. My experience in tuning the antenna for this article was no exception to this rule. In 35 years of hamming I've put up dozens of antennas and at work I've designed, installed and tested or supervised installation and test of antennas from 150 kHz to the GHz range. But Edsel still paid a visit.

My yard is very small and nearly covered by utility wires so I have very little room to put up antennas. I have a 20 foot mast near the property line and run my permanent wire antenna along this line. For my temporary antenna testing, I just lowered this antenna to the ground at the center and left the ends in place. I tied the test antenna to a handy clothes pole and a nearby Dogwood. The center was 20 feet up and the ends about 8 feet above ground.

When I first measured the antenna SWR, the lowest I could get was 2:1! Working evenings for a week, I attempted to get it lower. I tried:

- a.) Rechecking the lengths to see if I had made a mistake. They were correct within a few inches.
- b.) Replacing the wire with uninsulated wire. SWR was unchanged.
- c.) Replacing the center insulator and coax with a new set. Same SWR.
- d.) Very careful dressing of the feedline. If I got it just right, the SWR went down to 1.9:1.
- e.) Coiling up the coax in a 5 turn choke balun. Same SWR.
- f.) Cutting the antenna for 20 meters. Minimum SWR was about 1.4:1.
- g.) Replacing the antenna with a 50 ohm resistor. SWR was 1.0:1.
- h.) Hoisting the feedline with the 50 ohm resistor to the 20 foot level. SWR was 1.0:1.
- i.) Rechecking the permanent antenna (also cut for 30 meters). Minimum SWR was 1.4:1

No matter what I tried, I could not reduce the SWR appreciably. Needless to say I was talking to myself and doubting my competence. In a last ditch effort, I carefully reconsidered the end tie points. I had not removed the permanent dipole from its anchor points because I needed a ladder to get to them. That was literally the last thing I could think of to try. As darkness approached one evening and the mosquitos were particularly vicious, I untied the permanent dipole and reconnected its ends to the clothes pole and Dogwood. Guess what? The SWR was 1.9:1! As darkness fell, I knew I had found the problem.

The next night I tied the test antenna along the property line. Success! Now the lowest SWR was 1.5:1 and my tuning proceeded as indicated in the article. In my laziness to find convenient tie points I had ignored the fact that the last couple of feet of one antenna leg ran over a short section of 2 foot high fencing around a flower bed on its way to the clothes pole. That put it only 5 feet above the fence. I suppose that the fence must have some

resonance near 30 meters and this caused the high SWR.

Moral of the story? Don't ignore anything. When things don't work out as expected you have probably made some dumb mistake. Don't look for obscure problems, check for something very simple. And don't forget what you found out the next time you put up an antenna. The major difference between an old hand and a rookie is that the old timer knows more simple things to try when things don't work. And he has learned to be humble!

72/73,

Joe E., N2CX

work: jeverhart@cayman.vf.mmc.com

home: n2cx@voicenet.com

From owner-qrp-1@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: New TELIS User Name <ki6ds@MAIL.TELIS.ORG>
Subject: [3945] Arizona Scorpion Paddles
Message-ID: <Pine.SOL.3.91.960910102947.18728A@homeroom>

Several have asked what they are, and I will reply to the net to save time. When I was in Flagstaff for the Tuthill Hamfest, I had the pleasure of meeting several of the QRPers from Arizona, both the Tri-City Club group and the Arizona Scorpion guys. Floyd Smithberg, NQ7X, showed me his handiwork and I was really impressed, especially with his homebrew paddles. Floyd is a former watchmaker, now retired, and lives in Sun City, AZ, where he has access to a machine shop. He made a set of paddles out of commonly available materials that you can get at any hobby shop and hardware store. Even though Floyd has access to a machine shop, you can build these paddles, even if all that you have is a hand drill and file.

He is writing an article for QRPp and it will appear in the December issue. Don't ask for early copy, because I am not going to send it. The paddle has no springs, uses a magnet in a very unique way and is made from Brass, Nylon Bushings, and the paddle arms are the inserts used to cover the holes at the back of your computer. I named it the Arizona Scorpion Paddle, because it was designed by an Arizona Scorpion, and I like to use club names to describe projects. Floyd has made two of the paddles. He has one, and I have the other. It is on loan, but I don't know if Floyd will ever get it back. I absolutely love it. It is small, rugged, has a nice feel, is adjustable, and works great. The best part is that they really look nice. Details coming in December QRPp. 72,
Doug, KI6DS

From owner-qrp-1@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: facmsa@facilities.buffalo.edu (Adams, Mark S.)
Subject: [3934] Arizona Scorpions Paddles?
Message-ID: <1996Sep10.121500.1483.16094@facilities.buffalo.edu>

Hi Gang,

Does anyone know what these are? Where are plans to build/buy them?

Thanks.
Mark N2VPK

From owner-qrp-1@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: PDouglas12@aol.com
Subject: [3940] back-spamming
Message-ID: <960910132454_1510805120@emout13.mail.aol.com>

Hey guys,

Someone pointed out that there are lotsa' jamokes out there who spam under aliases, so that sending huge files to some unsuspecting (innocent)server may be unfair. I'm all for burying the culprits, but figure it would be wise to confirm that the return address is not hacked/stolen from an innocent user.

That's why I have refrained so far. But if someone with more net knowledge than I have can confirm the originating addressor is the real bad guy, then I would be pleased to send him a few hundred thousand choice words of my own.

Preston WJ2V

From owner-qrp-1@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: thom.lacosta@fido261.qis.net (Thom LaCosta)
Subject: [3963] back-spamming
Message-ID: <7bc_9609101827@fido261.qis.net>

PDouglas12@aol.com wrote in a message to All:

Pa> From: PDouglas12@aol.com

Pa> Subject: back-spamming

Pa> Hey guys,

Pa> Someone pointed out that there are lotsa' jamokes out there who
Pa> spam under aliases, so that sending huge files to some unsuspecting
Pa> (innocent)server may be unfair.

When the unsolicited garbage hits the gateway I operate, I bounce the mail back to the sender, with a copy to postmaster@theinternetaddress. The message I send is usually fairly clear about the spam being unwanted. If it continues, I then look up the admin contact for the domain using whois and send them mail.

There is a certain 'free' email service that had a few folks posting spams...and they(the mail provider) responded very quickly when they got a message that over 600 gateways were willing to ban ALL email from them.

The temptation is to 'spam-back'...which I've done...but ONLY after I've assured myself that the provider is also part of the problem....the exception are those spammers who pay per message, or by bandwidth....for those the bounce message tells them that the more of their money they waste sending spam to my gateway, the more I'll waste their money by boouncing their messages back to them.

If the listowner were to write to admincontact@problemspot.com and explain that user dumdummy was causing a problem, and indicating that no mail from @problemspot.com would be accepted, it would make an impression.

Oh well, off of gateway soapbox.

Thom LaCosta

K3HRN

thom@fido261.qis.net

Our Business is Business

--

|Fidonet: Thom LaCosta 1:261/1352

|Internet: thom.lacosta@fido261.qis.net

|Standard disclaimer: Take a Naugha to Lunch today YOU pay the bill!

From owner-qrp-1@Lehigh.EDU Tue Sep 10 23:12:21 1996

From: dgodden@thorin.instantnet.com (David Godden)

Subject: [3970] Best 20 meter 5 watt kit??

Message-ID: <199609110011.RAA27030@mail.instantnet.com>

Hello all,
As a new QRPer I am open for ideas thoughts whatnot. Even old QRO dogs can learn
a few new tricks I suppose.

Help!!!

I have built the NorCal 40 and love the lil rig but want a little more output.
What is the "best" 5 watt kit single bander for 40 or 20 meters???
That should get you old guys off of your rocking chairs for a minute

Thanks in advance
David Godden KK6M

From owner-qrp-1@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: 10-Sep-1996 1540 <randolph@est.ENET.dec.com>
Subject: [3956] BSX59 ?
Message-ID: <9609101945.AA17947@us4rmc.pko.dec.com>

QRPers,
Anyone know anything about the BSX59 transistor? We acquired several hundred
of them when a video lab downstairs from us closed up a couple of weeks
ago... Lots of other stuff too, but mostly in small quantities.
-Tom R. N100Q randolph@asic.enet.dec.com

From owner-qrp-1@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: Mike Boice <kd0fx@worldnet.att.net>
Subject: [3961] Current address for QRP ARCI
Message-ID: <1.5.4.32.19960910212523.00683c58@postoffice.worldnet.att.net>

Please, hold back on the rocks and flames. I heartily apologize for being
the billionth person to ask this, but is this the current address for Mike
Bryce, WB8VGE, to join QRP ARCI?

2225 Mayflower, N.W.
Massillon, OH 44710

Hope to get that Sept issue with the St Louis Vertical article - it sounded
right on the money.

73,
mike KD0FX

Richland WA QRP-L #576

From owner-qrp-l@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: Alan Kaul <kaul@netcom.com>
Subject: [3936] enough Re: \$\$\$\$\$\$
Message-ID: <Pine.3.89.9609100915.A27208-01000000@netcom22>

I don't care about Gomez's original post -- I killed it when it arrived in my file..

I don't care if all 600 of you want to respond to him, sending him huge files, etc.

But I do care when many of you think you need to post to the list to tell the rest of us you sent the guy a message.

So please stop copying the list with your one-up-mans-ship.

Please, and thank-you. 72 de alan .. w6rcl

[<Alan Kaul, W6RCL>] kaul@netcom.com

From owner-qrp-l@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: rhight@primenet.com (Roger Hightower)
Subject: [3971] Exposed!
Message-ID: <199609110150.SAA08614@primenet.com>

Another one comes out of the shadows...check out page 12 of the October WorldRadio for a nice pic of Alan Kaul, W6RCL.

Nice to put a face with the callsign.

72/73 de Roger AA7QY

NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-l@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: "David Kreinberg" <kreinbd@ccgate.dl.nec.com>

Subject: [3949] GATE 2 - SURVEY (SORT OF)
Message-ID: <9608108423.AA842384405@smtpgw.ccgate.dl.nec.com>

Gang:

This isn't QRP related, but thought it might be fun/
interesting. Others, sorry for the bandwidth.

At my local club meeting, a buddy and I were discussing
Gate 2 opening. Two questions came up and I thought I'd
pose them to the group, as this is the largest sample
of Extras I know of.

Q1. Will you be going for a Gate 2 Vanity Call change?

Q2. Will you be submitting one or more desired calls
which are "outside" your regular call district?
(ex. if you live in 6 land, will your list contain
some wanted calls in areas 0-9)

That's it - short and sweet. With apologies to Chuck,
I don't want to even try to fill his shoes!!

Anyway, if your interested, send me your answers to the
above via private post. After a few days, I'll post the
results to the group. Who knows maybe the FCC will look
at it and change there mind - hi.

BTW - just to be fair I'll start the ball rolling with
my answers:

Q1. Yes

Q2. Yes

73 de Dave AC5GY

From owner-qrp-1@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: "Jeff T. Casey" <JCASEY@fac.har.sunysb.edu>
Subject: [3946] Ham shack movie scene
Message-ID: <1D7D91ACC@fac.har.sunysb.edu>

Newsweek magazine, 9/2/96, page 66, has a movie review and an
associated photo of what appears to be an amateur transceiver and
linear amplifier. The QRO op in the picture is wearing only
a kilt, some jewelry, and a pair of headphones. You know, I'm just

getting back into hamming after a long hiatus, and I don't feel qualified to comment on whether this scene is realistic. The movie is titled "The Island of Dr. Moreau." Anyone seen the photo or, better yet, the movie?

72/73,

Jeff

WB5GWB / Long Island, NY / ARCI ARRL QRP-L

From owner-qrp-l@Lehigh.EDU Tue Sep 10 23:12:21 1996

From: wpc@west.net (John L. Roblin)

Subject: [3974] Hello All! My First Posting!

Message-ID: <v01530502ae5bce7b40a1@[205.254.241.5]>

Hello Everyone!

This is my first posting to the QRP-L. I have been reading the mail since joining last week. The technical tips, help, and humor is great! I am totally new to the online world of the Internet and am having a blast. I look forward to adding my two cents worth to this great group.

Many tnx to all of those who have sent in orders for our Pocket Mini-Keys and Mini-Paddles. Be on the look out in the snail mail boxes soon!

73,

John L. Roblin, WA6KY0

President

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U.S.A.

Telephone / Fax: +1-805-339-0702

e-mail: wpc@west.net

From owner-qrp-l@Lehigh.EDU Tue Sep 10 23:12:21 1996

From: Cecil A Moore <Cecil_A_Moore@ccm.ch.intel.com>

Subject: [3932] Impedance Matching

Text item: External Message Header

>I want to use an antenna that requires a 1/4 wave matching transformer.
>It's a one band delta loop and due to feedline routing troubles I have to
>use coax.
>
>Can I use the 1/4 wave transformer at the rig end? I cannot think of why
>not. Thanks, Mark N2VPK

Hi Mark, the answer is no. One cannot just willy-nilly move matching circuits around. The 1/4 wave matching transformer is designed to transform the coax impedance to the antenna impedance. Assuming that you are trying to match 50ohm coax to the delta loop's 100ohms, if you locate the 1/4 wave transformer at the rig, you will probably make the mismatch worse.

Assuming the loop's impedance is 100ohms, you have only a 1.3:1 SWR with 75ohm coax. Depending on the height above ground, the loop's resonant impedance may be closer to 75ohms anyway. Try it without the 1/4 wave transformer first to see if you even need it.

73, Cecil, W6RCA (not speaking for my employer)

From owner-qrp-1@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: Stephen Modena <modena@sunsite.unc.edu>
Subject: [3944] INV VEE problem: for what it's worth
Message-ID: <199609101742.NAA12600@calzone.oit.unc.edu>

I read some of the replys...here is my 2-cents worth.

An 80 m wire dipole will show an SWR at the feed point of less than 1.5 EVEN IF the antenna is only 10 feet above ground.

That is direct experience using MFJ SWR Analyzer.

The question is: at what frequency? The frequency of lowest SWR will shift as one raises the antenna...whether as a horizontal or an inverted VEE. The shift will not be more than 50 KHz. on 80 m.

When someone tells me that they can not get an SWR below 3:1 on 80 meters...and the antenna length is anywhere between 130 and 136 feet, then I know the problem is in the *construction* of the antenna.

Things to check with an OHMmeter:

1. measuring resistance across the coax connector must show an open circuit
2. measuring the resistance from one far end of the antenna to the one side of the coax connect must show a near short circuit, and that antenna end to the other side of the coax connector must be an open circuit.
3. do the same for the other end of the antenna, with reversed results at the coax connector.

INSPECT the connection of the coax to the antenna feed point: if either or both are *not* connected to the wire arms of the antenna, the "termination" impedance will be near infinity. This will have an excellent chance to show up as "can't get the SWR below 3:1 with the ATU." (The voice of experience here.)

INSPECT the coaxial connector...prove that 1) you have a good electrical connection for the center connector and 2) for the braid. Reasoning is same as previous paragraph.

PROVE to yourself that there is NOT a short circuit between the inner conductor and the braid...not inside the coaxial barrel due to overheating...or along the coax due to careless kinking. A short circuit also shows up as "can't get the SWR below 3:1 with my ATU."

Another point: the minimum size of a choke balun wound from RG-58U (0.25" dia) is at least 9 inches of winding on a 4 inch diameter PVC form. Anything much smaller than that does not have enough XL to block RF currents from coming back on the outer braid. Otherwise, your dipole (at RF) really consists of THREE wires...

So, Steve's first rule for combating HIGH SWR, is to prove the D.C. correctness of the antenna SYSTEM, before turning to any discussion of antenna length formulas.

--

Gud Luk es 73/Steve/AB4EL ab4el@nando.net

From owner-qrp-1@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: New TELIS User Name <ki6ds@mail.telis.org>
Subject: [3938] Jim Cates Dinner Friday
Message-ID: <Pine.SOL.3.91.960910093156.17668B-100000@homeroom>

Guys, Jim Cates and I will be in the bay area Friday night, we have a motel room so we can get to Foothill in time to get a table for the swap Saturday. How about another get together at the Pizza Place near Two Guys From Italy? Can't remember the name of it, but it is located at the intersection of El Camino Real and Grant Road in Mountain View. If you are interested, let me know.

What: Jim Cates QRP Get Together for Pizza and QRP Show and Tell
When: Friday, 6:30 PM
Where: The Pizza restaurant located near Two Guys from Italy in the shopping center at the Intersection of El Camino Real and Grant Road in Milpitas. It is behind a Burger King.
Why: To have fun and talk QRP.

See you there. 72, Doug, KI6DS

From owner-qrp-1@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: QLF@mimi@magic.itg.ti.com
Subject: [3937] JUNO?
Message-ID: <9609101637.AA13944@itg.ti.com>

From: Brad Bradfield QLF

Subj: JUNO?

Ok so Brad's brain cells are going faster all the time. I admit it already.

Someone has posted the contact information for the Juno e-mail service before, but I have lost it (probably for the umpteenth time) again. Would some kind soul please send it to me directly?

72's es 73's,

Brad, WB0CGH

Brad Bradfield, PE Electrical Design Engineer
(H) 817-321-2960 Texas Instruments, Inc.
(W) 214-462-6230

Real men talk with their fingers!

QLF@MSG.TI.COM

WB0CGH@W05H.#DFW.TX.USA.NA

ARRL Life Member QRP-L #377 SMIRK #4906 IEEE(M) ARS #72
Collector of wireless and landline Morse keys and accessories.

From owner-qrp-1@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: ghanson@uts.cc.utexas.edu (Gary R. Hanson)
Subject: [3973] Long wire antenna design
Message-ID: <v01540b01ae5b8a677e8c@[128.83.254.116]>

I would like to ask a favor and get some help in running a "proposed" antenna through a computer modeling program. One of the reasons I built a Super Tee antenna tuner is to have a multi-band long wire antenna.

I would like to make it at least 2 wave lengths long at 7.040 so I calculated the total length to be $984 \times (N - 0.025) / F(\text{Mhz})$ where $N = 2$ in this case and the frequency = 7.040 Mhz. The total length comes out to about 276 feet. I have also considered running it out to three wavelengths and a total length of about 416 feet I want to feed it off-center and put a half-wave on one side of the house (65 feet) and run the rest of it down a long hill. I can use either 300 ohm twinlead or 450 ohm ladder line to feed it. It would be up about 35 feet and both the short side and long side would be running down hill (in opposite directions naturally). The ends would be about 20 feet off the ground.

I have several questions:

- 1) Any reason to use 300 vs 450 ohm feedlines? One better than the other?
- 2) Any optimum length for the feedline? The run from top of the antenna mast to the 2nd story shack is less than 65 feet.
- 3) At what angle do the lobes off the long wire radiate? I have a couple of choices for anchor points at each end, but it would basically run north and south?
- 4) Will I get more radiation off the "longer" (south) side of the antenna? I know that would probably happen if I terminated it, but what if I leave it unterminated. If so, I may not do it because I'd be pumping the Gulf of Mexico full of QRP Power.
- 5) Would it be to my advantage to set up two legs and run it as a V-beam antenna? Would I get more gain that way? From the FDM paper on V-beams, it would appear that I should.
- 6) What kind of counterpoise (if any) should I use? Grounding system?

If this is more work than it is worth to run through a computer model, I'll understand, so "experienced" antenna builders feel free to speculate with out the computer printouts.

Thanks a ton!!!

72,73,

Gary, KJ5VW

From owner-qrp-1@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: "Jeff M. Gold" <JMG@tntech.edu>
Subject: [3927] low power SSB
Message-ID: <01I9B372ER8I8WXD8P@tntech.edu>

1) I ran 3 watts SSB with an Argonaut 509 mobile in my Acura for about 4 years (sold both the radio and the car.. miss both of them). I had NO problem at all and made contacts regularly. Have used about every type of mobile antenna that is out there except the motorized contraptions and high cost mobiles.. only high cost mobile I have used was the texas bug catcher.. it worked GREAT!! Now use the Karolina bug catcher and an Argosy 525 mobile.. operate QRP.. but if I feel evil, turn the power all the way up to 30 watts or so.. true confessions time :-)

2) I run a MFJ 20m SSB rig regularly in contests and have had very good luck with it. I have used this with a helically wound PVC portable antenna, a very small dipole up at about 15 feet and then as a base station with a 5 band Lightning Bolt Cubical Quad.

3) lately I have been running my cascade on 20 and have good luck depending on the band conditions.. never quite sure how to measure SSB power.. it measures about .5 watts while I am talking, but if I whistle into it with dummy load and qrp meter.. measures 3 or so watts. Have only used this with my quad.

take the myth and the magic out of QRP.. .JUST DO IT, DON'T PONDER ITS MANY COMPLEXITIES AND MYSTICAL WAYS.

72

Jeff, AC4HF

4) I regularly turn my Kenwood 930 with MC50 mike down to qrp on SSB and have absolutely no problem.

From owner-qrp-l@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: "John Shuster" <jshuster@silverlink.net>
Subject: [3910] Military HS-16A Headphones for sale
Message-ID: <199609100451.VAA23876@oly.olympic.net>

To All:

I have two pair of military headphones for sale. They are in shiny, brand new, MINT condition. Original wrapping and original boxes. Manufactured by GAP Industries, Columbus, GA in September of 1965.

The topstraps are covered with green canvas. Earpieces are black bakelite. Thumbwheel adjustments on both sides. Cord is 3 to 4 feet with two metal probe type connections. I think they're high impedance, but not sure.

\$25 each postpaid.

73,

John

++++
Father John Shuster, Married Roman Catholic Priest
Need A Priest? Rent-A-Priest! 1-800-PRIEST-9 A Free Referral Service
At the foot of the Olympics in little Port Orchard, WA
KC7CKP AE ARCI 8951 QRP-L 554 ARS 36 NW QRP 346 WWDXC ARRL
++++

From owner-qrp-l@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: Mel Evans <101366.3072@CompuServe.COM>
Subject: [3950] MORE on \$Click for Money\$---
Message-ID: <960910185019_101366.3072_JHP117-1@CompuServe.COM>

Hi gang,

This one has been going the rounds here in the UK for some time now, mostly on snail mail, but the real scam here seems to be the mailing list!

Somewhere in the body of the message it usually says, " Send this letter out to

(1)(2)(3)00 people and watch the money roll in. You can get a pre-printed set of mailing labels from the XYZ Mail list company for only \$20 by return."

Since this ain't in the body of Senor Gomez' message, I can only think he is a victim of someone who wants to fill his mailbox, or is he naive enough to believe it might just work?

We've decided here in the UK that it's most likely put out by the mailing list companies to purely and simply to sell mailing lists, and all the names on the list with the letter are there for show.

Mel
GM6JAG

Edinburgh, Scotland UK
Home of the last HW9

P.S. Mail me any rig you don't want, move my name up one on the list and add yours in it's place on the bottom. In just four weeks you'll have 50,000 rigs. One of them is bound to be a QRP one!

From owner-qrp-1@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: TimMcFadden <101346.3062@compuserve.com>
Subject: [3924] Mr. Gomer-ez.
Message-ID: <960910124351_101346.3062_GHW153-1@CompuServe.COM>

Well folks, all that I can add to the other responses is that I am very impressed with the policing of the band with regards to Mr. Gomez's e-mail. I have been on this net for only about one week now and find myself constantly impressed with the attitude of professionalism and openness to others found here. After spending 15 years with the U.S. Army I can see that to revisit the family of professionals that I have left behind all I need do is check here!! Hats off to all those who keep watch!

73

Tim DA2TF / KB2RLB

From owner-qrp-1@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: Eric Bates <jz560c@hqs.mid.gmeds.com>
Subject: [3918] Mr. Gomez
Message-ID: <32354FC3.5671@hqs.mid.gmeds.com>

Regarding Mr. Gomez's money-making scheme and the responses ...

1) I keep hearing that the best way to deal with someone jamming a frequency is to IGNORE them. Granted the media is a bit different but, I think the principal would still hold.

2) Rather than sending him a few large messages, someone with access to a Unix box can write a script to send him a few THOUSAND identical messages. If desired, they can even be all Tolstoy-sized messages. If done on an infinite-loop basis for an hour or so, you would definitely overload his mail box. Assuming that's the goal.

Hey, I never claimed to be consistent.

Cheers gentlemen, I'm going back to the stray-odd radio wave.

Eric
AA8MD

From owner-qrp-1@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: Tim Pettibone <tpettibo@nmsu.edu>
Subject: [3931] Mr. Gomez
Message-ID: <199609101544.JAA03740@NMSU.Edu>

Hey gang, are we sure that Mr. Gomez, in fact, sent the alleged message? It's been my experience that only the naive, stupid, or malicious send such crappola (aka horse pucky). Are we not stooping to equally nasty levels with our ingenuous sending of kilo- mega-byte packages? I replied to the Mr. Gomez address pointing out the errors of his ways. Enough is enough.

Tim AB5OU
qrp-1#73

From owner-qrp-1@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: New TELIS User Name <ki6ds@MAIL.TELIS.ORG>
Subject: [3939] NorCal QRP Demo Table at Foothill
Message-ID: <Pine.SOL.3.91.960910100121.17668C-100000@homeroom>

Jim Cates and I will have a QRP Demonstration Table at the Foothill Swap this weekend. We will set up and operate a complete homebrew station. Everything will be homebrew:

Rig: NorCal 40 and Sierra
Antenna: St. Louis Vertical
Tuner: St. Louis Tuner
Keyer: NorCal Keyer
Paddles: Arizona Scorpion by NQ7X

If you attend the swap stop by and say hello. Take a look at the SLV, I am sure that it will interest you. Also, IF UPS gets QRPP to me by Saturday, you can pick up your copy of QRPP early and save the club postage. See you there. 72, Doug, KI6DS

From owner-qrp-1@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: Clark Fishman (FSAC) <cfishman@PICA.ARMY.MIL>
Subject: [3958] Oak Hills Research
Message-ID: <9609101603.aa06855@COR6.PICA.ARMY.MIL>

Does OHR have a web site?????????????

Clark Fishman WA2UNN cfishman@pica.army.mil

From owner-qrp-1@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: PDouglas12@aol.com
Subject: [3967] Pacificon/Norcal badge list as of 9/10/96
Message-ID: <960910201008_475921265@emout17.mail.aol.com>

Gents and Ladies,

Here's what I have received so far (up to this afternoon.) Attending Pacificon/QRP forum? Want a badge with your name, call and of course Pacificon/Norcal on it? Email me. Free. Delivery by Doug Hendricks at Pacificon only.

ADAMS	CHUCK	K5FO
ADAMS	DAVID	N9UXU
ANDERSON	JEFF	WA6AHL
ANDREWS	JOHN	N5INZ/6
BURKE	ED	KI7KW
CATES	JIM	WA6GER
CLEVELAND	GROVER	WT6P
DUNDAS	JOHN	AB6DG
GIPE	MICHAEL	K1MG
GOLDSTEIN	STAN	N6ULU
HARDEN	PAUL	NA5N
HENDRICKS	DOUG	KI6DS

PARKER	JERRY	WA6OWR
SAMMUT	CHARLES	K8MI
SPITTLE	DERRY	VE7QK
STARK	RON	KU7Y
SWARTZ	ERIC	WA6HHQ
TELLEFSEN	BOB	N6WG
YARNES	DAVID	W7AQK
WOOD	MIKE	N6VME
GRUDIN	JEFF	AC6KW
POLIZZO	PHIL	AC6LS
SLAVENS	DICK	WA6TMF
JONES	DARREL	WD6BOR

Preston WJ2V
PDouglas12@AOL.com

From owner-qrp-1@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: ROYGREGSON@aol.com
Subject: [3917] QRP Kits
Message-ID: <960910060959_1544336889@emout17.mail.aol.com>

For Larry Netz KF6DRN Hi Larry, tried to send e-mail, but bounced would be glad to send you some more info on the QRP kits, where would you like me to send it ?

If you can solder, read, have a freq counter or calibrated receiver/transceiver, a VOM or can get the use of one, you can built a kit. the NW8020 series has a test as you go feature which just about tells you that the rig is going to work when finished. Also, if you get stuck, I'm here to give probably more help than you thought you needed. I am very partial to and patient with newcomers, and want you to succeed. I've not had a report of a rig smoked in a long time ! Send your snail mail address !!.....73's Roy EMTECH

From owner-qrp-1@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: "Jeff T. Casey" <JCASEY@fac.har.sunysb.edu>
Subject: [3943] QRP wattmeters?
Message-ID: <195B503B5@fac.har.sunysb.edu>

Gang,
I'm looking to buy a QRP wattmeter -- any recommendations as far as brands/models? A kit would be fine, as long as it doesn't require fancy test equipment for calibration (all I have is a digital

multimeter). I guess I would be satisfied with + or - 10% accuracy from about 0.25 to 5 watts -- is that do-able without spending big bucks?

Thanks much.

72/73,

Jeff

WB5GWB / Long Island, NY / ARCI ARRL QRP-L

From owner-qrp-1@Lehigh.EDU Tue Sep 10 23:12:21 1996

From: Gary Surrency <gsurrenc@ix.netcom.com>

Subject: [3942] S&S Engineering TAC-1 Alignments (LONG)

Message-ID: <32359D6B.1E03@ix.netcom.com>

Hi gang.

For those of you that have a TAC-1, or may buy one, I have come up with some easier ways to align it. Some of these came about as a result of a couple of emails with another person on this list who is building one. Got me to thinking and looking at mine again. I never was quite satisfied with the alignment I did on it.

First, to align the rcvr input bandpass filter, be sure to disable the AGC circuit before starting by removing U15, the AGC amplifier. Then use a high or low impedance analog DC voltmeter to measure the low-level AGC developed between ground and the anode of D21, the AGC rectifier. The voltmeter's input impedance doesn't seem critical here, as plenty of DC voltage is available at fairly low signal levels.

I have been told if the test input signal is low enough, the AGC will be inactive, and an audio voltmeter can be used to peak the tuned circuits. That may be true, but as soon as you peak the LC networks, the low-level signal input will be too high from the increased signal sensitivity, and what was a weak input signal is no longer weak enough to prevent the AGC action from masking the results of your alignment efforts. Trust me, disable the AGC before starting. I never got a good alignment before doing that. The MC1350 has VERY high AGC gain!

The input filter can be made quite sharp in its bandpass if you are only interested in a narrow range of frequencies, or it can be tailored to a broader shape to cover most of the range from 7.0 - 7.19 MHz. This was true for the 40m version I have, but should be the same for the 80m model one, too.

I first peaked my unit at 7.100 by compressing and uncompressing the

windings of T13 and T12. It is probably easier to just compress them as much as possible to begin with, and then watch the negative AGC voltage at D21 as you spread them. This will get both transformers very near resonance as they need to be, and then you can decide what band limits you want them to provide as you tune between the upper freq. and lower freq. of interest. For example, peak first at 7.100 MHz and then tune down to 7.00 MHz and take an AGC voltage reading. Then tune to say, 7.15 or 7.199 Mhz and see how far off the readings are. If the reading is lower at 7.00, compress the windings a little. If the AGC voltage is lower at 7.15 or 7.199 MHz as you prefer, spread the windings apart a little bit and then repeat the low freq measurement.

The object being to match the upper and lower measurements so they are equal, or nearly so. This type of bandpass filter is very sensitive to small movements of the windings, so once you get them near resonance, you won't want to move them very much before taking the new measurement. It gets kinda tedious, but it will make you very happy with the increased sensisitivity and BCI rejection. I used a small tweezer with curved ends to compress the windings, and then used the point of a non-metallic alignment tool to spread them, so as to not upset the inductance with a metal tool as I watch the AGC voltage.

While you have the AGC disabled and the DC voltmeter still attached, you might as well adjust the trimmer on the IF amplifier transformer, C136. It is quite sensitive, so a stiff tuning tool is essential, or you'll be tuning back and forth repeatedly, trying to get it to stop here you want it. Does this sound familiar to you? ;-)

I peaked the IF trimmer cap, and then moved to the audio output to set the BFO for best level with the audio filter on. You can get it spot-on this way, just make sure the frequency adjustments to the LO osc and translation osc have been done correctly first, so the 12.00 MHz passband of the xtal filter is centered. Piece of cake!

I saw a BIG improvement in the passband characteristics of the antenna input filter by using this method. There is plenty of developed AGC voltage to move a 20K VOM if that's all you have. I used my big HF rig turned down to about 500MW into a dummy load while the antenna input of the TAC-1 was plugged into the same coaxial switch as the signal source rig. Enough RF leaked across the switch's open contacts to provide the right signal strength. I just gotta build one of those attenuation boxes one day. :-)

Keep the signal low enough to develop only about midscale readings on your analog voltmeter. I used the 0.6 VDC low range, so midscale was in the neighborhood of -0.3VDC or so. Note it is a negative voltage.

This works great, and follows the intent of the manual's instructions,

it is just a lot easier to get meaningful results.

I was not happy with the bandpass filter alignment for the transmitter, since it was hard to see any changes in power output readings as I adjusted the xmit bandpass filter, even on my OHR WM-1. So I decided something different was needed.

The transmitter bandpass filter is identical to the one in the receiver input, since both filters are intended to pass 7.0-7.199 MHz (or 3.5 - 3.750 MHz for the 80m unit). But unless you can supply a very low input signal and take small RF voltage readings at the output with an oscilloscope or RF probe, it is hard to see improvements.

Upon looking at the schematic, I realized the input to the filter is near 50 ohms at the junction of R17 and R16. So I experimentally connected my MFJ-259 to that point using a pair of hook-clips and a length of RG174/U that terminates in a BNC plug. I used a PL259 to BNC jack RF adapter to mate the test leads to the MFJ's antenna connector.

Low and behold, I could find a very nice peak in the MFJ's SWR indicator when I swept it's frequency adjustment knob across 7.0-7.2 MHz. Now all I had to do was adjust the windings on T1 and T2 as just described above in the rcvr alignment, except this time I looked for an SWR of 1:1 instead of peak AGC voltage. Since the MFJ only produces about 40mw of RF output, no harm is done to the circuit, and it is easy to get a 1:1 SWR with a little tweaking of the toroids' windings. I peaked mine at 7.100MHz.

You can even (and should) leave the power off to the TAC-1! It doesn't matter whether you do or not, since the DC power to this part of the circuit is only present when transmitting. Of course, it's safer to adjust it with the power off so you don't release the "smoke gremlin" from nearby circuits that DO have voltage present. ;-)

After the transmitter alignment, I could see a barely perceptible drop in the transmitted power output at band edges, with a very broad peak across the intended frequency range. My power output is about 9 watts on the WM-1 into a dummy load, or the needle rests right on top of the 1 digit on the 10 watt scale marking of the meter's face. This was at 13.8 VDC.

More than 5 watts to be sure, but my unit may be unique. After all, I DID hand select transistors for Q3 the T/R sequencer, and Q6 the driver stage. Just don't do too many long tune-ups at that power level, because the heat sink on the PA stage is pretty small, and I don't think a larger one will fit in the cramped space allowed. Normal CW duty is OK, and I haven't had any problems at that power, and the CW note is clean.

A 1K pot at R16 or R25 would probably allow the output to be varied. 12

volts from a battery yielded about 7 watts output. Or you can substitute the appropriate resistor if you need a specific power output level. I had to put the 2n3906 back in for Q3 that I had replaced with a 2n4401, because I now had TOO much drive for the PA. Ditto for Q6, for which I had used a MPS2222a earlier. With those parts, I was running right at 10 watts out with a 13.8VDC supply! If your's is down on power output, you can try those substitutions. I decided all that power from a my little MRF476 would surely damage it, especially if I accidentally left the antenna switch in the wrong position! WOW! ;-)

I haven't covered the bandpass filter for the local oscillator (LO), since it can be adjusted with the instructions and RF probe provided in the kit. It is a little tedious tho, and the same rule applies as in the above adjustments. Once you get close to peaking the filter, small changes in the windings lend bigger changes in peak output. It's a kind of diminishing return for the additional effort you spend, but good output and passband characteristics can be gained for the trouble.

The only thing I found easier to do there, was solder the RF probe across T9's winding at its mounting pads, instead of using TP3, which is kinda in the way for access to T5 that you are adjusting. Electrically, it's the same test point, but it is easier to solder it and not worry about it until you finish.

BTW, a MPS2222a was much quieter for Q17 & Q18. But if your 40m area is as noisy as mine, you may not hear the difference. An audio AC voltmeter will clearly show this with the antenna on a 50 ohm dummy load. The gain seemed just as good, maybe better with the lower NF transistors. If you haven't tried these guys, a quick trip to your local Radio Shack is overdue. They are great!

Sorry for the long post, but if any of you have a TAC-1 or find this procedure useful on your other gear, let me know. I am quite satisfied with the results I achieved, but I tend to overdo it sometimes. Oh well. At least I learned a lot and got better performance that was hiding in there! :~)

Please respond if this info was useful. The TAC-1 is a nice piece of gear.

...-.-

72/73,

--

Gary, AB7MY QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH

From owner-qrp-l@Lehigh.EDU Tue Sep 10 23:12:21 1996

From: Doug Hendricks <ki6ds@telis.org>

Subject: [3908] St. Louis Vertical & N2CX Dipole Kit
Message-ID: <3234E786.7FFA@telis.org>

Guys, I have to share this with you. In the next issue of QRPP is an article on the St. Louis Vertical, by Dave Gauding, NF0R. If the name sounds familiar, it is, as he did much of the work on the St. Louis Tuner. Dave has turned his talents to designing just about the neatest portable antenna that I have ever seen.

It is made from tv twin lead, alligator clips, and a 20 foot long collapsable fishing pole. The pole is fiberglass and telescopes out from a base about 4 feet long to 20 feet. It is light, strong, and easy to assemble and disassemble.

Tonight I got home from work at 5:00. I took the St. Louis Vertical out to the front yard, had it set up in less than 5 minutes, and the bands were hopping. First I tuned 40 meters, and heard a QSO in the novice band. The 5 signed, and I called the 7, as he was the louder of the two. Bang, right back, KI6DS de N7EKX, Gary in Tacoma, WA giving me a 559. He was running a dipole and one of the Heathkit HW99s, yep, HW99, no typo here. I was running the Sierra, St. Louis Tuner, Arizona Scorpion Paddles, NorCal Keyer, and of course the St. Louis Vertical. In other words, my complete station was HOMEBREW!! How many of you have done that. What a thrill. By the way, Gary really liked hearing about all of the homebrew gear. We had a solid 30 minute QSO, and he copied every word, and gave me a solid 559 report. This was the first QSO with the SLV.

Next, I moved up to 30 meters and worked Tom in Vancouver, B.C. with a 579 report received. Not bad with 1.75 watts out with a Sierra into a portable vertical antenna with 3 radials, 20 feet high. Both contacts were made tailending, both with 1.75 Watts, and both lasted about 30 minutes.

Complete details on how you can build a St. Louis Vertical will be in the Sept. issue of QRPP. IT works Great, and is the perfect antenna for portable use. I will be using it for QRP Afield coming up in a couple of weeks. Thanks to Dave Gauding for a great idea.

The next antenna to test is the N2CX Gully Washer that I received from Joe Everhart. Guys this antenna looks great. It is a steal at \$20. If you haven't ordered one, do so. How can I say that when I haven't tested it? Well, it is a simple dipole, but the quality of construction and components is readily apparent. Trust me on this one. Get a neat antenna with a Great Manual for the paltry sum of \$20. Great job Joe. There will be an article in the December issue on the PVC Gully Washer or N2CX dipole kit.

72, Doug, KI6DS

From owner-qrp-1@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: Todd Nichols <nichols@rtp.ericsson.se>
Subject: [3951] Status report after Hurricane Fran
Message-ID: <199609101719.NAA29945@sunmgc1.rtp.ericsson.se>

Hello all,

Here is an update on the results of Hurricane Fran in the Raleigh-Durham-Chape Hill area. I live in Morrisville, which is in between Raleigh and Durham.

My QTH is a second-story apartment, and that immediate area sustained no "real" damage. We have water and phone services, but no power. The power is coming back online gradually as the power companies work upwards through their priority queue. Some folks did not lose power at all, some lost it for only a day, and some of us are still without. My QTH is estimated to be without power until this coming weekend.

I spent Saturday and Sunday with the Red Cross teams in Durham; from the sounds of things on the local (VHF) amateur nets, Raleigh seemed to be better covered, whereas Durham was hurting for folks. On Saturday I was the radio operator for a Damage Assessment Team (DAT); we drove through the streets of northeast Durham counting damage and ranking it by dwelling type and damage type. On Sunday I was the radio operator for an Emergency Response Vehicle (ERV) which provided food to folks who could not get out to get any (mostly the elderly in retirement homes and neighborhoods with many small children); this vehicle also served northeast Durham.

The situation is slowly improving. During Friday and the weekend, ice was in short supply and a great many people lost the contents of their freezers. The heat and humidity increased, and those unfortunate enough not to have access to air conditioning sweltered. There was flooding in low-lying areas, affecting both vehicles and structures. Sewers backed up in a few places. Most people had safe water, but Orange County (Chapel Hill's location) had a problem, as a large influx into the sewage treatment plant resulted in a release of partially treated sewage; therefore residents were advised to boil their water. Some people lost phone service. Finally, the most highly visible and ubiquitous sign of Fran's passage is the downed trees and power lines. From Saturday to Sunday in Durham there was no visible improvement in this regard. Many cars were crushed, and many dwellings had trees lying on them. Many trees and limbs were in the roads; crews with chain saws have removed most of them. Chain saws, generators, and gas grills were sold out in many locations.

One item that will have a large impact is this: many people had to go back to work Monday, because many (most?) businesses had power. This greatly reduces the number of volunteers available for the cleanup effort. Since almost no businesses were open Friday, we had essentially a three-day weekend for cleanup; Fran's timing was thus somewhat fortuitous.

Hams throughout the region were volunteering their time and equipment, both VHF and HF. Many amateurs have put in very long shifts without relief; I do not feel that I worked a very great amount, but I put some time and equipment in. I wish I could have put in more, but I also have a wife and had to return to work Monday.

I hope that I may be forgiven for sending this to the list, but a couple of y'all have solicited news of our welfare after the storm, and we appreciate it.

72 (after a hurricane, it can only be 72 :-)

Todd

Todd Nichols KB0HQU Ericsson Inc. (919) 685-2597
nichols@rtp.ericsson.se Research Triangle Park, NC
"Ensign, set a new course. There's coffee in that nebula!" - Capt. Janeway

From owner-qrp-l@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: "Doyle, Ron" <doyler@uh2297p01.daytonoh.ncr.com>
Subject: [3919] Story worth retelling.
Message-ID: <32355365@sdcwinn.daytonoh.ncr.com>

Ok, this isn't quite qrp but it is about Morse Code and it's kind of funny.
I read this story in the September 96 issue of the Scouting Magazine in the Worth Retelling column. I am copying without permission but I hope I have given everyone the proper credit so no one gets to upset.:)

Dot's all there is
At a troop meeting, I was conducting a trivia quiz based on material from 'The Boy Scout Handbook.'

"When sending a message in Morse code, what does it mean if you transmit a signal of 8 consecutive dots?" I asked. (The answer I was looking for was "I have made a mistake.")

Neil, a new Scout attending his first meeting, answered without hesitation:

"It means: 'Help, My dash thing is broken!'" He at least got credit for the most creative answer.

Written by:
Steve Rajtar
Committee Member, Troop 24
Orlando, Fla.

72, de Ron

Ron Doyle, N8VAR qrp-l# 263
NCR - Dayton
Work (513) 445-3179
Home (513) 237-0790
<Ronald.Doyle@DaytonOH.NCR.COM>

Practice Random Kindness and Senseless Acts of Beauty

N8VAR TMPS 1996 Qs=003 States=03 Confirmed=03 DX=00
AR NJ MD

From owner-qrp-l@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: ghanson@uts.cc.utexas.edu (Gary R. Hanson)
Subject: [3972] Super Tee Antenna Tuner
Message-ID: <v01540b00ae5b89be56d1@[128.83.253.126]>

Hey Gang,

Need some help and advice on using my Super Tee antenna tuner. I finished building the Super Tee antenna tuner and added the power/watt meter from the Spring Ham Brew article. I built the differential circuit to show the "resultant" Forward/Reflected Power out as per Figure 3 in the article. I also have an Autek RF-1 Antenna analyzer to measure SWR. Here's my situation.

A few years back, I put up a 40 meter delta loop for the phone band so it is resonant about 7.200MHz, so it is short when I operate QRP around 7.040 Mhz. I use it on a single band so had a 75 ohm transformer transmission line connected to a 50 ohm coax connected to my MXM-40 transceiver. It's up about 35 feet at the top and 15 feet at the bottom...sorta slants at a 45 degree angle with uneven sides (trees just not conveniently located.) The SWR (without tuner) is above 2.0:1.0 when I operate at 7.040 QRP. In spite of the mismatch, I still get out pretty well.

Here's where I need the advice. When I disconnect my transceiver and hook up my Autek to get a SWR reading through the tuner, I can get a match of 1.1 or 1.2:1.0 quite easily. However, when I disconnect the Autek and do the match based on the "resultant" power out reading of the Hambrew circuit, my Super Tee antenna settings are quite different. The question is: Which reading do I believe the SWR settings or the Power out settings? Should they be the same settings and have I just screwed up something in the Super Tee?

Common sense tells me: use the one that gives me the best on the air RST reports. I just tried it last night and couldn't get anyone to respond to either setting so maybe both settings are misleading and I'm burning up all my power inside the tuner (?) OR it was just one of those nights when I wasn't going to get out anyway because of band conditions or propogation. On good nights, I've gotten 599 reports from Mexcio, Ohio and California without the tuner and an SWR above 2.0: 1.0. so I know the antenna works. On other nights, I can call and call and no one comes back...like last night, for example. I'll try it again tonight to see if I can make a contact with either setting.

I'll be interested to hear what you think is going on. Be glad to post a summary if others are interested in the SWR versus Power Out issue.

Thanks,

Gary KJ5VW

From owner-qrp-1@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: rwilcox@newton.cacky.com
Subject: [3925] Ten Tec
Message-ID: <9609101319.AA07162@newton.cacky.com>

Bought a Ten Tec Century 21 at a Ham Fest over the weekend. I was wondering if anyone has any comments about the radio. It seems to work made a couple of contacts and got good reports. The tuning dial has a lot of play and seems to slip alot. Is this a common problem? Is there an easy fix? Looks like power can be varied from 0 up to about 30 watts.

tnx and 73's

```

              \\|||//
              |^ ^|
              (0|0)
/-----o00--( )--00o-----\
| Gary Wilcox (KE4VUN)          E-MAIL: rwilcox@newton.cacky.com|
| Commonwealth Aluminum                          |
| Hwy 1957                      FAX:   (502) 295-5700      |
| Lewisport Ky.                VOICE: (502) 295-5461      |
\-----ooo-ooo-----/
```

From owner-qrp-l@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: Jerry Parker <jparker@fix.net>
Subject: [3975] West Coast Symposium/Pacificon '96 Room
Message-ID: <2.2.32.19960911021914.00bf80cc@fix.net>

Lookin for someone to share a room, slash the cost. Any takers.

I talke html in my sleep. Just Kidding.

72,,,,Jerry...WA6OWR...K

From owner-qrp-l@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: George Gingell <k3tks@u1.abs.net>
Subject: [3953] RE: \$\$\$\$ Click for Money \$\$\$
Message-ID: <Pine.BSI.3.93.960910151043.8097B-100000@u1.abs.net>

I thought that a few files from the QRP-L Archives would be more appropriate since Raul has shown an interest in qrp and homebrewing. Maybe he would enjoy a trial Subscription to the list :^)
Or at the very least a week of "Free QRP-L Digest Forwarding Service" :^) just trying to be helpful :^)

QRP DX TU (C) 1986 G.Danny Gingell, K3TKS@.abs.net

From owner-qrp-l@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: "charles d. shinn" <cshinn@connect.net>
Subject: [3926] RE: \$\$\$\$\$\$ Click for Money \$\$\$\$\$\$
Message-ID: <01BB9EFB.D8DA84C0@a2p68.connect.net>

Try the WWW address that archives all non-copyright'ed classics....I = think it's <http://www.gutenberg.org>.....altavista or other search = engines will find it for you.I understand everything from the Illiad = forward is archived at this site!Seems like a waste of bandwidth = tho...the Click for Money guy probably cannot read....

From: Joel Malman[SMTP:malman@BBN.COM]
Sent: Monday, September 09, 1996 4:19 PM
Subject: Re: \$\$\$\$\$ Click for Money \$\$\$\$\$

Group,

If don't happen to have "War and Peace" or "Ivanhoe," and are a Unix = user,
send him a copy of /usr/dict/words the standard list of dictionary = words.
It's usually about 200k long and has most of the same words that "War = and Peace" or "Ivanhoe" have...

/joel walqvm

From owner-qrp-1@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: JFD <jdougher@wt.net>
Subject: [3928] Re: \$\$\$\$\$ Click for Money \$\$\$\$\$
Message-ID: <3235960B.281A@wt.net>

My reply included a bit map of Chad, and a lengthy government trade article.

From owner-qrp-1@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: Sjolín@aol.com
Subject: [3930] Re: \$\$\$\$\$ Click for Money \$\$\$\$\$
Message-ID: <960910110938_519683311@emout12.mail.aol.com>

I sent him a 2 meg .exe file attached to an email. I hope it gets broken into two 1 meg messages for him. 73 to all. de Dave, N0IT

From owner-qrp-1@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: Kevin <kevin@ids.net>
Subject: [3977] Re: \$\$\$\$\$\$ Click for Money \$\$\$\$\$\$
Message-ID: <3.0b11.32.19960909223323.0066b62c@ids.net>

Keep this CRAP out of my MAILBOX!!!!!!!!!!

At 10:58 AM 9/9/96 -0500, Raul Gomez wrote:

>This works, I did it and have already received \$682.00 in the past
>
>week.
>
>*****
>
>*****
>
>Hello! I've got some awesome news that I think you need to take two
>
>minutes to read if you have ever thought "How could I make some
>
>serious cash in a hurry???" , or been in serious debt, ready to do
>
>almost anything to get the money needed to pay off those bill
>
>collectors. So grab a snack, a warm cup of coffee, or a glass of
>
>your
>
>favorite beverage, get comfortable and listen to this interesting,
>
>exciting find!
>
> Let me start by saying that I FINALLY FOUND IT! That's right!. I
>
>found it! And I HATE GET RICH QUICK SCHEMES!! I hate those schemes
>
>like multi-level marketing, mail-order schemes, envelope stuffing
>
>scams, 900 number scams... the list goes on forever. I have tried
>
>every darn get rich quick scheme out there over the past 12 years.
>

>I
>
>somehow got on mailing lists for people looking to make money (more
>
>like 'desperate stupid people who will try anything for money!').
>
>Well, when I was a teenager, these claims to 'get me rich quick'
>
>sounded irresistible! I would shell out \$14.95 here, \$29.95 there,
>
>\$24.95 here, and another \$49.95 there. I had maxed out my new
>
>Circuit
>
>City Card AND my Visa...I was desperate for money!! So, I gave
>
>them
>
>all a chance but failed at every one of them! Maybe they worked for
>
>some people, but not for me. Eventually, I just tossed that JUNK
>
>MAIL
>
>in the trash when I got the mail. I recognized it right away. I
>
>can
>
>smell a money scam from a mile away these days, SO I THOUGHT....
>
>I thought I could sniff out a scam easily. WAS I WRONG!!I
>
>LOVE
>
>THE INTERNET!!!
>
>
>
> I was scanning thru a NEWSGROUP and saw an article stating to
>
>GET CASH FAST!! I thought..."Here on the Internet?? Well, I'll
>
>just
>
>have to see what schemes could possibly be on the internet." The
>
>article described a way to MAIL A ONE DOLLAR BILL TO ONLY FIVE
>

>PEOPLE
>
>AND MAKE \$50, 0000 IN CASH WITHIN 4 WEEKS! Well, the more I
>
>thought
>
>about it, the more I became very curious. Why? Because of the way
>
>it
>
>worked AND BECAUSE IT WOULD ONLY COST ME FIVE DOLLARS (AND FIVE
>
>STAMPS), THAT'S ALL I EVER PAY....EVER!!
>
>
>
> Ok, so the \$50,000 in cash was maybe a tough amount to reach,
>
>but
>
>it was possible. I knew that I could at least get a return of
>
>\$1,000
>
>or so. So I did it!! As per the instructions in the article, I
>
>mailed
>
>out ('snail mail'for you e-mail fanatics) a single dollar bill to
>
>each
>
>of the five people on the list that was contained in the article.
>
>I
>
>included a small note, with the dollar, that stated "Please Add Me
>
>To
>
>Your List." I then removed the first position name of the five
>
>names
>
>listed and moved everyone up one position, and I put my name in
>
>position five of the list. This is how the money starts rolling
>

>in!
>
>I then took this revised article now with my name on the list and
>
>REPOSTED IT ON AS MANY NEWSGROUPS AND LOCAL BULLETIN BOARD
>
>MESSAGE AREAS THAT I KNEW. I then waited to watch the money come
>
>in...prepared to maybe receive about \$1000 to \$1500 in cash or
>
>so....
>
>But what a welcome surprise when those envelopes kept coming in!!!
>
> I
>
>knew what they were as soon as I saw the return addresses from
>
>people
>
>all over the world-Most from the U.S., but some from Canada and
>Latinamerica, even
>
>some from Australia! I tell you, THAT WAS EXCITING!! So how much did I
>
>get in total return? \$1000? \$5000? Not even!!! I received a total
>
>of
>
>\$23,343!!! I couldn't believe it!!
>
>
>
> I now have a brand new black Acura Integra to speak for, due to
>
>this!! Now after almost 8 months, I am ready to do it again!!! So
>
>maybe it was possible to get \$50,000 in cash, I don't know, but IT
>
>COMPLETELY DEPENDS ON YOU, THE INDIVIDUAL! You must follow through
>
>and repost this article everywhere you can think of! The more
>
>postings you achieve will determine how much cash will arrive in
>
>your
>
>very own mailbox!! It's just too easy to pass up!!!

>
>
>
> Let's review the reasons why you should do this: The only cost
>
>factors are for the five stamps, the 5 envelopes and the 5 one
>
>dollar
>
>bills that you send out to the listed names by snail mail (US
>
>Postal
>
>Service Mail). Then just simply repost the article (WITH YOUR NAME
>
>ADDED) to all the newsgroups and local BBS's you can. Then sit
>
>back
>
>and, (ironically), enjoy walking (you can run if you like! :o)
>
>down
>
>your driveway to your mailbox and scoop up your rewards!! We all
>
>have
>
>five dollars to put into such an easy effortless investment with
>
>SPECTACULAR REALISTIC RETURNS OF \$15,000 to \$25,000 in about 3-5
>
>weeks! So HOLD OFF ON THOSE LOTTERY NUMBERS FOR TODAY,EAT AT HOME
>
>TONIGHT INSTEAD OF TAKEOUT FROM McDONALDS AND INVEST FIVE DOLLARS
>
>IN
>
>THIS AMAZING MONEY MAKING SYSTEM NOW!!! YOU CAN'T LOSE!!
>
>
>
>
> So how do you do it exactly, you ask? I have carefully provided
>
>the mostdetailed, yet straightforward instructions on how to easily
>
>get this underway and get your cash on its way. SO, ARE YOU READY
>
>TO

>
>MAKE SOME CASH!!!?? HERE WE GO!!!
>
>
>
>*** THE LIST OF NAMES IS AT THE END OF THIS ARTICLE. ***
>
>
>
>OK, Read this carefully. Get a printout of this information, if
>
>you
>
>like, so you can easily refer to it as often as needed.
>
>
>
>INSTRUCTIONS:
>
>
>
>1. Take a sheet of paper and write on it the following:
>
>"Please add my name to your list". This creates a service out of
>
>this
>
>money making system and thus making it completely legal. You are
>
>not
>
>just randomly sending a dollar to someone, you are paying one
>
>dollar
>
>for a legitimate service. Make sure you include your name and
>
>address. I assure you that, again, this is completely legal!
>
>For a
>
>neat little twist, also write what slot their name was in: "You
>
>were
>
>in slot 3", Just to add a little fun! This is all about having
>
>fun

>
>and making money at the same time!
>
>
>
>2. Now fold this sheet of paper around a dollar bill ,(no checks
>
>or
>
>money orders), and put them into an envelope and send it on its way
>
>to
>
>the five people listed. The folding of the paper around the bill
>
>will
>
>insure its arrival to its recipient. THIS STEP IS IMPORTANT!!
>
>
>
>3. Now listen carefully, here's where you get YOUR MONEY COMING TO
>
>YOUR MAILBOX. Look at the list of five people; remove the first
>
>name from position one and move everyone on the list up slot one on
>
>the list. Position 2 name will now move to the position 1 slot ,
>
>position 3 will now become position 2, 4 will be be 3, 5 will be 4.
>
>Now put your name, address, zipcode AND COUNTRY in position 5, the
>
>bottom position on the list.
>
>
>
>4. Now upload this updated file to as many newsgroups and local
>
>bulletin boards' message areas & file section as possible.
>
>(Experiments tell that at least should mail to 200 newsgroup to make
>
>this working) Give acatchy description of the file so it gets noticed!!
>
>Such as:
>
>"NEED FAST CASH?, HERE IT IS!" or "NEED CASH TO PAY OFF

>
>YOUR DEBTS??", etc. And the more uploads, the more money you will
>
>make, and of course, the more money the others on the list will
>
>make
>
>too. LET'S ALL TAKE CARE OF EACH OTHER BY BEING HONEST AND BY
>
>PUTTING
>
>FORTH 120 PERCENT INTO THIS PROFITABLE & AMAZING SYSTEM!!! You'll
>
>reap
>
>the benefits, believe me!!! Set a goal for the number of total
>
>uploads
>
>you'll post, such as 15-20 postings or more! Always have a goal in
>
>mind!!! If you can UUE encode the file when uploading, that will
>
>make
>
>it easier for the people to receive it and have it downloaded to
>
>their
>
>hard drive. That way they get a copy of the article right on their
>
>computer without hassles of viewing and then saving the article
>
>from
>
>the File menu. Don't alter the file type, leave it as an MS-DOS
>
>Text
>
>file. The best test is to be able to view this file using
>
>Microsoft's
>
>Notepad for Windows 3.x or WordPad for Windows '95. If the margins
>
>look right without making the screen slide left or right when at
>
>the

>
>ends of the sentences, you're in business!
>
>
>
>5. If you need help uploading, simply ask the sysop of the BBS, or
>
>"POST" a message on a newsgroup asking how to post a file, tell
>
>them
>
>who your Internet provider is and PEOPLE WILL ALWAYS BE GLAD TO
>
>HELP.
>
>I would try to describe how to do it but there are simply too many
>
>internet software packages with slightly different yet relatively
>
>simple ways to post or upload a file. Just ask for help or look in
>
>the help section for 'posting'. I do know that for GNN, you simply
>
>select 'POST' then enter a catchy description under the subject
>
>box,
>
>choose 'ATTACH', selecting 'UUE' and NOT 'TXT', then choose
>
>'Browse'
>
>to go look for the file. Find your text file CASH.TXT and click on
>
>it
>
>and choose 'OK'. Place a one line statement in the main body
>
>section
>
>of the message post screen. Something like "Download this to read
>
>how
>
>to get cash arriving in your mailbox with no paybacks!" or
>
>whatever.
>
>Just make sure it represents its true feasibility, NOT something

>
>like..."Get one million dollars flooding in your mailbox in two
>
>days!"
>
>
>
>You'll never get ANY responses!
>
>
>
>6. And this is the step I like. JUST SIT BACK AND ENJOY LIFE
>
>BECAUSE
>
>CASH IS ON THE WAY!! Expect to see a little money start to
>
>trickle in around 2 weeks, but AT ABOUT WEEKS 3 & 4, THE MONEY
>
>STORM
>
>WILL HIT YOUR MAILBOX!! All you have to do is take it out of the
>
>mailbox and try not to scream too loud (outside anyway) when you
>
>realize YOU HIT THE BIG TIME AT LAST!!
>
>
>
>7. So go PAY OFF YOUR BILLS AND DEBTS and then get that something
>
>special you always wanted or buy that special person in your life
>
>(or
>
>the one you want in your life) a gift they'll never forget. ENJOY
>
>LIFE!
>
>
>
>8. Now when you get low on this money supply, simply re-activate
>
>this file again; Reposting it in the old places where you
>
>originally
>
>posted and possibly some new places you now know of. Don't ever

>
>lose
>
>this file, always keep a copy at your reach for when you ever need
>
>cash. THIS IS AN INCREDIBLE TOOL THAT YOU CAN ALWAYS RE-USE TIME
>
>AND
>
>TIME AGAIN WHEN CASH IS NEEDED!
>
>
>
>9. (This step added by Charles Reiley). Hello, This is exciting,
>
>isn't it?! While I'm on the list, just add a note saying "Please
>
>include extra money tips" with your name & E-MAIL address, and I
>
>will
>
>(FOR FREE) send you some neat methods to increase the money you
>
>will
>
>receive with this plan. Why?... Why not? I'm not a selfish jerk...I
>
>like helping out others. E-mail just makes it a touch easier and
>
>cheaper, too! After I drop off the list, I can no longer offer you
>
>this advice, obviously, but maybe someone else who gets my tips
>
>will
>
>offer and simply replace my name on this step number 9. Good luck
>
>and
>
>give this plan your all, it will definitely pay off! Like Mike
>
>said,
>
>HAVE FUN WITH IT!!!
>
>
>
>10. (This comment added by Mike Lorincz) Hell dude, this is great,

>
>just
>
>send the money and wait like 1 week, then all of a sudden,
>
>B000000M!
>
>Mail flood full of dollar bills. Hahahah its great
>
>*****
>
>*****
>
>THE NAMES LIST THE NAMES LIST THE NAME LIST
>
>*****
>
>* HONESTY IS WHAT MAKES THIS PROGRAM SUCCESSFUL!!!
>
>*
>
>*
>
>*
>
>*
>
>* 1. Shane Uhler
>
>* 121 S. Beltwoods Dr.
>
>* DeSoto, TX 75115
>
>*
>
>* 2. Sandy Kim
>
>* 3047 David Ave #10
>
>* Campbell, CA 95128
>
>*
>
>* 3. Andrew Zalewski
>
>* 80 Willamere Dr.
>
>* Scarborough, Ontario M1M 1W8

>
>* Canada
>
>*
>
>* 4. Wenyu Wei
>
>* Garden Park P.O.Box 44505
>
>* Vancouver, B.C. V5M 4R8
>
>* Canada
>
>
>* 5. Raul Gomez
>
>* Tr. 30 # 101 -10
>
>* Santafe de Bogota D.C.
>
>* Colombia, Southamerica
>
>*****
>
>****
>
>This works, I did it and have already received \$682.00 in the past
>
>week.
>
>*****
>
>-----
>Submissions: ham-univ@w6yx.stanford.edu
>Administrative requests: ham-univ-request@w6yx.stanford.edu
>

From owner-qrp-1@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: john andrews <jm165723@eee.org>
Subject: [3979] Re: \$\$\$\$\$\$ Click for Money \$\$\$\$\$\$
Message-ID: <32362EBC.45EA@eee.org>

Kevin wrote:

>
> Keep this CRAP out of my MAILBOX!!!!!!!!!!

> I understand your anger, Kevin. This has gotten out of hand.

I'm one of the guilty parties who egged on a response to this post. Upon reflection (and posts by cooler heads) I see now it was a mistake to start a "back-spam". A message to the webmaster at the site from which the original message originated should have been enough.

I'm sure it was a mistake to send the contents of the original message and it was just in error.

This is a great group and a 'net war is the last thing we have on our minds. Certainly I'm more interested in a new chip or working the rare one than "getting even".

My best to you-

72, John-N5INZ

From owner-qrp-1@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: "Douglas L. Datwyler" <datwyler@mail.aros.net>
Subject: [3922] Re: \$\$\$\$\$\$ Click for Money \$\$\$\$\$\$ OR The "gentlemans?" get rich scheme
Message-ID: <32355F1D.409B@mail.aros.net>

Even better, I extracted the message from the digest and sent it and a note to the postmaster for his system. It may slow this down some.

Douglas L. Datwyler
datwyler@aros.net

From owner-qrp-1@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: Dan Keen <70731.722@compuserve.com>
Subject: [3982] Re: 600 Ohm Phones Found
Message-ID: <960911040025_70731.722_EHM87-2@CompuServe.COM>

> >We were discussing the "digital hiss" in the Ten Tec Cubby/Scout and I
> >mentioned that TT recommends 600 ohm headphones in order to get the
> > same relative volume from the phones and the speaker. Many of you wrote
> > to me and asked, "where can I get 600 ohm headphones"?

> Also, AES has them for about \$10 each. I recently bought 6 sets of them for
> our VE team and they work pretty good.

Anybody know a good source for 2000 ohm headphones, instead of 600 ohms?

Dan

70731.722@compuserve.com

From owner-qrp-1@Lehigh.EDU Tue Sep 10 23:12:21 1996

From: "John Shuster" <jshuster@silverlink.net>

Subject: [3960] Re: 666 -- Oh, no!!

Message-ID: <199609102048.NAA15152@oly.olympic.net>

Oh no, me too!

My number is 554.

That's 10-4. I must be a closet CB'er. A ham wanna-be at heart. I must really be predestined! Never free to grow and develop. There's no difference between me and the circumstances that have happened to me. Where can I turn?

But then again it's also 5-9. That's a good phone report, but it's phone! Without CW it's just CB. I'm numerologically doomed. Maybe Nancy and Ron can put me in touch with a good amateur extra psychic.

Oh Lord have pity on me.

John

+++++

Father John Shuster, Married Roman Catholic Priest

Need A Priest? Rent-A-Priest! 1-800-PRIEST-9 A Free Referral Service

At the foot of the Olympics in little Port Orchard, WA

KC7CKP AE ARCI 8951 QRP-L 554 ARS 36 NW QRP 346 WWDXC ARRL

+++++

> From: BOB KELLOGG <ae4ic@nr.infi.net>

> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

> Subject: 666 -- Oh, no!!

> Date: Tuesday, September 10, 1996 10:59 AM

>

> Gang - please protect me from evil.

>

> I just realized - my QRP-L number is 54. That's 9 times 6. -- 666 666

666.

> >From now on I'm carrying a cross and a mirror. What else should I do???

> Not only that, but, it's also 6 times 9. -- 999 999, which is 666 upside

> down twice. I'm clearly doomed. If you don't hear from me again,

rejoice.

> -- I'll be doing QRP stuff.

>

> CUL,

>

>

From owner-qrp-1@Lehigh.EDU Tue Sep 10 23:12:21 1996

From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>

Subject: [3966] Re: 666 -- Oh, no!!

Message-ID: <Pine.SOL.3.94.960910200147.14485B-100000@utkux4.utcc.utk.edu>

Of course, as any numerologist knows, the magic number in 54, 216, and 666 is 9, the signifier of incompleteness. (Add up the numbers in each number and the total is 9. If greater than 9, add the two digits of the bigger number, and the result is 9.)

QRP greetings, of course (72) fall into the same numerological category, although the traditional ham greeting (73) adds up to 10, or 1, which is divine completeness.

Assign numbers from 1-26 to the alphabet and add up your call.

Or take two numbers and call an exorcist in the morning.

-73- (or 1, as the case may be)

LB (12+2=14=1+4=5)

W4RNL (Left as an exercise to the reader or the unwary or both)

From owner-qrp-1@Lehigh.EDU Tue Sep 10 23:12:21 1996

From: mulvey@kisbss.kodak.com (Rich Mulvey (KIS-ADI))

Subject: [3955] Re: back-spamming

Message-ID: <9609102004.AA10710@cancun.kodak.com>

> From owner-qrp-1@Lehigh.EDU Tue Sep 10 15:40:28 1996

> Date: Tue, 10 Sep 1996 13:24:55 -0400

> From: PDouglas12@aol.com

> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Subject: back-spamming
> X-Listprocessor-Version: 8.0 -- ListProcessor(tm) by CREN
>
> Hey guys,
>
> Someone pointed out that there are lotsa' jamokes out there who spam under
> aliases, so that sending huge files to some unsuspecting (innocent)server may
> be unfair. I'm all for burying the culprits, but figure it would be wise to
> confirm that the return address is not hacked/stolen from an innocent user.
> That's why I have refrained so far. But if someone with more net knowledge
> than I have can confirm the originating addressor is the real bad guy, then
> I would be pleased to send him a few hundred thousand choice words of my own.
>

Well, the problem is that the SMTP protocol used to transmit e-mail can be used to spoof addresses VERY easily, and make determination of the culprit almost impossible, unless you have access to the mail logs of the source and destination machines. For example, back in my college days, it was quite common to receive messages from god@heaven.com or devil@hell.com from friends and fellow students. :-)

The larger issue is that the people who are spending their time transmitting large files to the culprit are hurting innocent people far more than they are helping to "teach Mr. Gomez" a lesson. The chances are that he lost his access almost immediately, once the system administrators found out what he had done. On the other hand, all of the other *innocent* users of the machine are suffering - their mail won't be going out or coming in, because of the vastly increased network traffic, and the ISP machine are probably dying because of lack of disk space. As someone whose ISP went through major convulsions because a twit decided it would be fun to mail thousands of copies of some mail to our system, thereby bringing it down, I can certainly sympathise with the plight of the innocent users who are being hurt.

If you have a complaint, send a polite e-mail to the root, postmaster, and abuse accounts on the machine that was used to spam you. They probably won't respond, because they'll have already received hundreds of other notes, but at least you won't be hurting some poor guy who just wants to send e-mail to his kid, and doesn't have anything to do with the original problem.

- Rich

From owner-qrp-1@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: Dick Slavens <aero@napanet.net>
Subject: [3909] Re: code trainer

Message-ID: <3234EFF1.4FB1@napanet.net>

MICHAEL C. TODD wrote:

>
> Thanks to all who commented on my code trainer inquiry. I decided that
> the MFJ-411 best suits my needs.
>
> tnx....W9UQB Mike (Phoenix Arizona)
>
> --Mike,

I was talking with MFJ and they have a new model "MFJ-416" that will be out in a few weeks for the same price with improved features, like a large multi-line display. Overall size, will fit in your shirt pocket. They have the manuals available, free of charge for the asking, they have one on the way to me. The prototype called a MFJ-414, if my memory is correct, appeared in this Mo.s CQ Mag.

I'm not a big fan of MFJ, but this looks like a nice unit.

73, Dick WA6TMF Napa, CA

From owner-qrp-1@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: Dan Goodwin <dgoodwin@world.std.com>
Subject: [3916] Re: FAR CIRCUITS PHONE NUMBER
Message-ID: <Pine.SGI.3.93.960910054325.12414A-100000@world.std.com>

Mike,

FAR Circuits phone number is 847-836-9148 on according to their web page.

73 de Dan

Dan Goodwin KD1XN Waltham,MA

On Mon, 9 Sep 1996, Mike Duke wrote:

> Do I have the correct number for FAR Circuits - 708-836-9148?
>
> I got a recording of "This line is being checked for trouble" when I
> called on Friday afternoon and again this afternoon.
> 73, WB5ADC

>
>

From owner-qrp-1@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: carp@gpspc-rsc.comsys.rockwell.com
Subject: [3954] Re: For Sale/QRPP
Message-ID: <Pine.LNX.3.91.960910144952.145D-1000000@gpspc-rsc.comsys.rockwell.com>

Would someone please e-mail me the instructions on subscribing to this list again? I got removed because I had e-mail problems.

Scott Carpenter, Lead Computer Scientist and Webmaster
Communication Systems Division,
Rockwell International Corporation

My opinions are not necessarily those of my employer!

From owner-qrp-1@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: JCoote@aol.com
Subject: [3965] Re: Ham shack movie scene
Message-ID: <960910195134_282075624@emout14.mail.aol.com>

In a message dated 96-09-10 14:55:24 EDT, JCASEY@fac.har.sunysb.edu (Jeff T. Casey) writes:

<<

Newsweek magazine, 9/2/96, page 66, has a movie review and an associated photo of what appears to be an amateur transceiver and linear amplifier. The QRO op in the picture is wearing only a kilt, some jewelry, and a pair of headphones. You know, I'm just getting back into hamming after a long hiatus, and I don't feel qualified to comment on whether this scene is realistic. The movie is titled "The Island of Dr. Moreau." Anyone seen the photo or, better yet, the movie?

72/73,
Jeff
WB5GWB / Long Island, NY / ARCI ARRL QRP-L
>>

Probably not realistic, but nor are the advertisements in the ham magazines and the AES catalog, heh heh.

I mean some of us do not wear baseball caps monogrammed with the brands of imported radio gear, or the t-shirts. We don't (all) have three handhelds on our belts either.

Submitted in the interest of levity.

73, Jay
WB6AAM

From owner-qrp-l@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: wpc@west.net (John L. Roblin)
Subject: [3976] Re: Ham shack movie scene
Message-ID: <v01530504ae5be10099c8@[205.254.241.34]>

In a message dated 96-09-10 14:55:24 EDT, JCASEY@fac.har.sunysb.edu (Jeff T. >Casey) writes:

> Newsweek magazine, 9/2/96, page 66, has a movie review and an
> associated photo of what appears to be an amateur transceiver and
> linear amplifier. The QRO op in the picture is wearing only
> a kilt, some jewelry, and a pair of headphones. You know, I'm just
> getting back into hamming after a long hiatus, and I don't feel
> qualified to comment on whether this scene is realistic. The movie
> is titled "The Island of Dr. Moreau." Anyone seen the photo or,
> better yet, the movie?
>
> 72/73,
> Jeff
> WB5GWB / Long Island, NY / ARCI ARRL QRP-L

I have not seen the movie, but if its star, Marlon Brando, had anything to do with it, then perhaps it is a realistic scene since he is a Ham.

73,

John, WA6KY0

From owner-qrp-l@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: sholla@panasonic.atlanta.com (Holland, Steve)
Subject: [3920] RE: Mr. Gomez

Message-ID: <1996Sep10.074500.1619.47918@ntserver.panasonic.atlanta.com>

I think that everyone sharing their tomes with Mr. Gomez is appropriate. If he continues then we will see him again and again. Especially if we ignore him. He will assume he got away with the idea and the next time he comes up with a hair brained scheme we will see it. This way he might get the idea that our group and others like ours do not wish to be inundated with drive1 such as his. It is bad enough we get junk in the mail but now it continues in e-mail. I am sure our group is not the only one to respond this way. 72 de N9HXX/4

Steve N9HXX/4
sholla@panasonic.atlanta.com
QRP-L # 555
NNN00NT-T

From: jz560c[SMTP:jz560c@hqs.mid.gmeds.com]
Sent: September 10 1996 07:32
Subject: Mr. Gomez

Regarding Mr. Gomez's money-making scheme and the responses ...

1) I keep hearing that the best way to deal with someone jamming a frequency is to IGNORE them. Granted the media is a bit different but, I think the principal would still hold.

2) Rather than sending him a few large messages, someone with access to a Unix box can write a script to send him a few THOUSAND identical messages. If desired, they can even be all Tolstoy-sized messages. If done on an infinite-loop basis for an hour or so, you would definitely overload his mail box. Assuming that's the goal.

Hey, I never claimed to be consistent.

Cheers gentlemen, I'm going back to the stray-odd radio wave.

Eric
AA8MD

From owner-qrp-1@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: Gary Surrency <gsurrenc@ix.netcom.com>
Subject: [3941] Re: Mr. Gomez
Message-ID: <32359FE4.2EB8@ix.netcom.com>

Tim Pettibone wrote:

>

> Hey gang, are we sure that Mr. Gomez, in fact, sent the alleged message?
---SNIP---

> Mr. Gomez address pointing out the errors of his ways. Enough is enough.

One thing it is doing, is using a lot of internet bandwidth sending all that data. Now I know why the net is so slow sometimes, with all the flaming and bogus mail messages racing back and forth. This stuff is gonna happen, and we don't need to overkill the issue. Perhaps the best way to reduce this kind of thing is to contact the webmaster for the site of origin. A little net policing may be in order. Not censorship, just net-etiquette. How 'bout it, webmasters? :-)

72/73,

--

Gary, AB7MY QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH

From owner-qrp-1@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: Pete Hardie <hardie@duke.usask.ca>
Subject: [3952] Re: Mr. Gomez
Message-ID: <Pine.OSF.3.95.960910125128.30207B-100000@duke.usask.ca>

> Tim Pettibone wrote:

> >

> > Hey gang, are we sure that Mr. Gomez, in fact, sent the alleged message?

Chances are that he did. The way to check it out is to see who is in the list of 5 addresses to which you are supposed to send your greenstamp. His name and address was 5th on the list. I doubt anyone would steal an Email address and then have the \$ sent to somebody else!

73 de Pete

From owner-qrp-1@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: Vic Simpson <vsimpson@boco.demon.co.uk>
Subject: [3915] Re: NOT 666
Message-ID: <eCoo5HAXSANYEwaI@boco.demon.co.uk>

In message <Pine.BSI.3.93.960908182218.28093A-1000000@u1.abs.net>, George Gingell <k3tks@u1.abs.net> writes
>It is a religion thing. The reference is to the "Mark of Satan"
>from Revelations. I did draw # 216 on the QRP-L Membership numbers,
>However, I refuse to accept it as a "Sign" of Being one of his followers.
>I am in fact an Elder in The Church of Jesus Christ of Latter-Day Saints.
>(Also known as "Mormons").
>The comment was referring to the fact that 6 to the third power is 216.
> $6 \times 6 = 36 \times 6 = 216$ either way, 666/216 I refuse to accept it.
>If I really felt that the implied meaning was relative, I would INSIST
>on a number replacement. Since I don't, I will just drop the matter.
>GB u es urs

Good for you, Danny. They are just numbers. I carry my QRP-L number with pride: it has only pleasant associations for me.
73 de G0BVZ, Vic
RSGB G-QRP AGCW ARCI(When I remember to renew!) SCAG DIG QRP-L #666

From owner-qrp-l@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: George Gingell <k3tks@u1.abs.net>
Subject: [3923] Re: NOT 666
Message-ID: <Pine.BSI.3.93.960910081950.29695C-1000000@u1.abs.net>

VIC,
Thanks for the comments. Now I have a question or two for you.
Where do you live and what is your phone number?
I would appreciate having your name, address, and phone number for my files. My XYL is from Shipley, Bradford, West Yorkshire, England.
We were over for a visit for a month last year. I am hoping that we can make it again in a year or so. Her mother passed away this year and her father is about 75, so I want to get her back for another visit before it is too late. I wish we could talk him into coming to live with us for a few years, but I don't think we could drag him onto an airplane :^)
I am also a member of G-QRP (#1290). Heck, I belong to all the major QRP Clubs. ARCI, G-QRP, NorCal, QRP-L, MI QRP, CQC, NE-QRP, NW-QRP, Fireball QRP, and Maryland Milliwatts. I thank that is all of them :^)
George D. (Danny) Gingell, K3TKS@abs.net
3052 Fairland Road Silver Spring, Maryland 20904. (301)572-7564,
(301)572-6789 with answering machine. work AT&T (301)881-3590.

QRP DX TU (C) 1986 G.Danny Gingell, K3TKS@abs.net
Maryland Milliwatt Club QRP Reference Library, (301)572-6789

From owner-qrp-1@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: sigcom@juno.com (Stephen M Smith)
Subject: [3929] Re: Not 666
Message-ID: <19960910.072518.7719.1.sigcom@juno.com>

Re: 666, 216, etc.

Well, I wasn't going to comment, but then there was one more post.....

Yep, I agree with Vic, they're just numbers.....

But what about ">10W"? QRO, the real "mark of the beast"! :-)

73.....Steve, WB6TNL QRP-L #621 (notice that it's 216 re-arranged)

From owner-qrp-1@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: Dan Keen <70731.722@compuserve.com>
Subject: [3983] Re: Not 666
Message-ID: <960911040027_70731.722_EHM87-3@CompuServe.COM>

> Yep, I agree with Vic, they're just numbers.....
>
> But what about ">10W"? QRO, the real "mark of the beast"! :-)
>
> 73.....Steve, WB6TNL QRP-L #621 (notice that it's 216 re-arranged)

Trust me on this: the Romans added up the letters to compute the number of a man, they did not multiply (see most any Bible commentary on the Revelation 13:18 verse to confirm this).

>From the evangelical F.F. Bruce _Intl Bible Commentary_ we find that the version of "Caesar Domitian" which appeared on a very common Asian coin namely "Emperor Caesar Domitian Augustus Germanicus" added up to 666 but then so did the Aramian letters for Nero's title. Jews (like Jesus) spoke and wrote Aramaic (i.e. Assyrian). A good case could also be made for the Greek coin spelling for the full title of Gaius Caesar (who put up a statue of himself in the Holy Temple at Jerusalem- and thus definitely was an antiChrist figure to Xians.

So anyway who is QRO? Well Q=17 R=18 O=15. So 17 plus 18 plus 15 = 50. He's our man!

Dan

70731.722@compuserve.com

From owner-qrp-1@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: Bob Hightower <ki7mn@dancris.com>
Subject: [3969] Re: Oak Hills Research
Message-ID: <199609110041.RAA06469@dancris.com>

At 04:03 PM 9/10/96 EDT, you wrote:
>Does OHR have a web site?????????????
>
>Clark Fishman WA2UNN cfishman@pica.army.mil
>

Not yet, but Dick says one is coming up in the future.
73,

Bob NorCal #1228, ARCI #8918, Qrp-1 #271, CQC 274

From owner-qrp-1@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: 10-Sep-1996 1621 <randolph@est.ENET.dec.com>
Subject: [3959] re: QRP wattmeters?
Message-ID: <9609102035.AA22734@us4rmc.pko.dec.com>

Jeff, WB5GWB writes:

> I'm looking to buy a QRP wattmeter -- any recommendations as far as
> brands/models? A kit would be fine, as long as it doesn't require
> fancy test equipment for calibration (all I have is a digital
> multimeter). I guess I would be satisfied with + or - 10% accuracy
> from about 0.25 to 5 watts -- is that do-able without spending big
> bucks?

If you don't mind scrounging for parts, I just built a copy of the W7EL wattmeter. Accuracy is about 5% from 5 mW to over 10W. The only calibration tool needed is a good high-impedance voltmeter like your DVM. Total cost depends on what you have in the junk box, but the "big" parts, the chips and the torroids, total to only about \$5-6. Mine works great up to 60 MHz! (I tested it).

BTW, for QRP work, you want a meter that is accurate at very low power levels.

The reason being, if your transmitter only puts out 1W, and your meter is insensitive below 1/4W, your SWR will read much better than it actually is most of the time!

The W7EL article appeared in the February, 1990 issue of "QST".

```
=====
Tom Randolph  N100Q  NE-QRP 419  QRP-L 87  ARRL      randolph@asic.enet.dec.com
=====
```

From owner-qrp-l@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: Gary Surrency <gsurrenc@ix.netcom.com>
Subject: [3980] Re: QRP wattmeters?
Message-ID: <32362C5C.59CE@ix.netcom.com>

Jeff T. Casey wrote:
>

This question seems to come up a lot on this list.
Here is a highly recommended unit:

Get the OHR WM-1 !!!!!!!! You will like it!

Oak Hills Research
20879 Madison Street
Big Rapids, MI 49307
616 796-0920

--
Gary, AB7MY QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH

From owner-qrp-l@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: Roger.Pease@Eng.Sun.COM (Roger Pease)
Subject: [3957] Re: QRP-L digest 478
Message-ID: <199609101742.KAA06553@immigrant.eng.sun.com>

>
>What has always mystified me is how to tell a dash from a dot at the end
>of a word by just the click.
>

There are still people doing line-line telegraphy (nowadays via phone lines). They still use the old American Morse code. (The *real* Morse code, they say.) Perhaps one of them will pop up and comment.

Don't the sounders make a noise on the rebound, too?
Dit sounds like click-ka;
dah like click-----ka.

This not to dispute Roger AA7QY's comment about hearing patterns.

_Roger KE6PPI

From owner-qrp-l@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: rhight@primenet.com (Roger Hightower)
Subject: [3968] Re: QRP-L digest 478
Message-ID: <199609110019.RAA19398@primenet.com>

At 10:42 AM 9/10/96 -0700, Roger Pease wrote:

>
>Don't the sounders make a noise on the rebound, too?
>Dit sounds like click-ka;
>dah like click-----ka.
>
>This not to dispute Roger AA7QY's comment about hearing patterns.
>
> _Roger KE6PPI
>
>

You're right, and your description of the sounds is correct. For "s" it would be click-ka click-ka click-ka....and "h" is one more click-ka. That's why recognizing the patterns is important if you wanted to gain any speed. Just for fun, find one of those clicking frog toys and try it...sounds similar but louder. Frankly, it wasn't a real fun way to learn code.

72/73 de Roger AA7QY

NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-l@Lehigh.EDU Tue Sep 10 23:12:21 1996

From: bob.roach@sourcebbs.com (BOB ROACH)
Subject: [3914] RE:Re: \$\$\$\$\$\$ Click for e
Message-ID: <8C81041.00010423A9.uuout@sourcebbs.com>

JA>-Hi Gang:

JA>-I'm looking for the electronic version of "War and Peace". I think
>-"someone" will find it interesting reading.

Hello guys. Like everyone else I sent this thing back where it came
from but I changed the address to ALL@.ect.. Thought maybe his boss
might need a little extra cash too since it looked like a business
address. And of course I'm sure this guy could use some enemies closer
to home.<GGGGGGGG>

73 de KE4QOK
Bob

* SLMR 2.1a * First rule of intelligent tinkering: Save all the parts.

From owner-qrp-l@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: ruswhite@netzone.com (Russell W. White)
Subject: [3911] RE: Senor Gomez's Posting
Message-ID: <199609100445.VAA25387@nz1.netzone.com>

Not knowing what kinds of files would sent to our friend, I took the
liberty of sending him a set of files for Ghostscript - abt 2.5 Meg.
This was just in case someone sent him a document that was in postscript
that needed to be printed out, like the Curtis 8044 file.

>This calls for some remedial education, and having a few meg of .txt
>files that are Amateur Radio related, I forwarded a couple to Sr.
>Gomez, about 158K worth.

>

>Who knows? It just might change his life!

>

>72/73 Keith, WB2VUO, QRP-L # 582

>

>

>

```
|*****|
| Russ White AB7JX (ex WB1GQG) QRP-ARCI NORCAL NEQRP |
| Phoenix AZ QRP-L#179 ARRL AZQRP#3 |
|*****|
```

From owner-qrp-1@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: john andrews <jm165723@eee.org>
Subject: [3913] Re: St. Louis Vertical & N2CX Dipole Kit
Message-ID: <3234F7B0.4E50@eee.org>

john andrews wrote:

>
> Hi Doug and Gang:
>
> Can't wait for my Sept. issue.
>
> Behind the the seat of my little pick-up is resting the "fishin' pole"
> you described. Army green with an eyelet at the top?
>
> Boy, will that make a quick antenna mast. Lightweight and makes a
> great walking stick for the camping/portable crowd. This is my
> endorsement to Doug's enthusiasm.
>
> Watch your mail box for a nifty project in QRPP!
>
> 72, John- N5INZ/6

From owner-qrp-1@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: facmsa@facilities.buffalo.edu (Adams, Mark S.)
Subject: [3933] RE: St. Louis Vertical & N2CX Dipole Kit
Message-ID: <1996Sep10.115800.1483.16087@facilities.buffalo.edu>

Hi Doug and Gang,

HOW CRUEL! Getting us all whipped up about a new antenna idea, putting it in the QRPP and then maybe we get it in time for the QRP Afield, and maybe we don't? Do you expect us to take it like men, suck it up and get on with our plans? This is sheer QRP fun you are talking about. OK, I admit it, I need help.....

72, Mark N2VPK
Member of the Buffalo QRP Connection

From owner-qrp-1@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: myers@bigboy73.West.Sun.COM (Dana Myers)
Subject: [3962] Re: Story worth retelling.
Message-ID: <199609102208.PAA22862@sunspot.West.Sun.COM>

> From doyler@uh2297p01.daytonoh.ncr.com Tue Sep 10 04:43:50 1996
> Date: Tue, 10 Sep 1996 07:38:00 EDT
> From: "Doyle, Ron" <doyler@uh2297p01.daytonoh.ncr.com>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Subject: Story worth retelling.
> X-To: "'QRP News group'" <qrp-1@Lehigh.EDU>
> X-Listprocessor-Version: 8.0 -- ListProcessor(tm) by CREN
>
> Ok, this isn't quite qrp but it is about Morse Code and it's kind of funny.
> I read this story in the September 96 issue of the Scouting Magazine in the
> Worth Retelling column. I am copying without permission but I hope I have
> given everyone the proper credit so no one gets to upset.:)
>
> -----
> -----
> Dot's all there is
> At a troop meeting, I was conducting a trivia quiz based on material from
> 'The Boy Scout Handbook.'
>
> "When sending a message in Morse code, what does it mean if you transmit a
> signal of 8 consecutive dots?" I asked. (The answer I was looking for was "I
> have made a mistake.")
>
> Neil, a new Scout attending his first meeting, answered without hesitation:
> "It means: 'Help, My dash thing is broken!'" He at least got credit for the
> most creative answer.
> 72, de Ron

That's funny!

I once rescued a Boy Scout troop....

From owner-qrp-1@Lehigh.EDU Tue Sep 10 23:12:21 1996
From: George Gingell <k3tks@u1.abs.net>
Subject: [3921] Re: Vee & ATU (LONG!)
Message-ID: <Pine.BSI.3.93.960910074246.29695A-100000@u1.abs.net>

Yes, Dale That is what I found to be true also. Some of the wire that you

mentioned is used by our electrical contractors. I get as much of it as I need. The local building codes require them to remove and replace with NEW when ever they are involved with a renovation. In particular all NoN-Fire Retardant Insulated Wiring must be replaced with Teflon or other Fire Retardant wiring. This includes Local Area Network Cables (LAN). If we pulled all the wire out of the ceilings at one time theis 18 Story Glass monster would collapse for sure :^).

I use the twin coax LAN RG-59 Type cable for my antenna feed. Not on everything, but here and there. I zipped out one leg of the RG59 type Twincoax and used it to feed my 80 meter horizontal loop. It will be replaced this year. It has been up there about 5 years and didn't cost a cent! I will probably use stranded #14 bare copper antenna wire this go around. I got a 1000 foot roll for services rendered (Free). :^)

It will be fed with Brand New Fire Retardant Twin Coax RG-59 Type wire Used as "Shielded Open Wire". I have heard numerous pros and cons on this subject over the years. I have decided that it is time for me to find out for myself wether it is good or bad for QRPP at my location. If you don't try it you won't know. Inquiring minds have gotta know. :^)

Stay tuned for further developments. Oh Yes, make friends with your local electricians and Communications Specialists. Don't forget you Phone Person. :^)

QRP DX TU (C) 1986 G.Danny Gingell, K3TKS@abs.net
Maryland Milliwatt Club QRP Reference Library, (301)572-6789
On Mon, 9 Sep 1996, Dale LeDoux wrote:

>
> >Comments Monday Night, 9 Sept. 1996 by G. Danny Gingell, K3TKS@abs.net
> >
> >Luke, (and fellow QRP-Lers)
>
> >What type of wire was used? I believe you said multi-strand power wire,
> >but
> >you didn't mention what Wire Size/Guage and is it Insulated or Bare?
> >The reason that I ask that question, is because that will affect the
> >actual
> >Velocity Factor and hence the "Actual Wire Length" for Resonance.
> >I believe that the Insulation increases the effective length by about 5%
> >in
> >total.
> >
> >
> >
> >
> Danny -
>
> I think you hit the target with the question about the type of wire. I used
> to construct a lot of antennae out of surplus construction-type wire. It

> was cheap (read 'free') and didn't corrode. Typical designations were 12
> and 14 AWG THHN or TW. In every case I found the textbook formulae to be
> quite a bit long. Without resorting to quantitative testing, I attributed
> it to a velocity factor drastically altered from that of bare copper, caused
> by the effects of the insulation. The solution was to employ empirical
> investigative techniques (cut, measure SWR, cut again) until a suitable
> match was obtained.
>
> As for a source of the wire, consult your local electrical contractor...
>
> 72,
>